# CS447-002: Lecture Note (Lecture #22, April 8, 2024)

1. **Pick up:**

   - Quiz #9 question list

2. **Announcements:**

   - Quiz #8 has been graded (to be returned at the end)
   - Quiz #9 is scheduled this Wednesday (4/10) – should have discussions at the end (10 to 15 minutes at the end)

       - A timekeeper wanted

3. **IP addresses**

   - Exercise question on March 27th

4. **Internet routing**

   - Autonomous System (AS)
   - Tire-1, 2, and 3 AS (ISP)
   - CIDR-routing (distance-vector routing algorithm)

5. **Routing algorithms (if time permits)**

   - Distance-Vector Algorithm (Dijkstra Shortest-Path Algorithm)
   - Link-State Algorithm (Bellman-Ford Shortest-Path Algorithm)

6. **Quiz #9 Preview** (10 minutes)

       - A timekeeper wanted

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